

PTO/SB/21 (08-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/608,935		
	Filing Date	June 27, 2003	
	First Named Inventor	Nicholas Grant Rasmussen et al.	
	Group Art Unit	Unknown	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	9	Attorney Docket Number	300-80100

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment/Response
 - ☐ After Final (Response)
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Supplemental Information Disclosure Statement, Form PTO-1449 and 6 references
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
 - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition Routing Slip (PTO/SB/69) and Accompanying Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Inquiry
- ☒ Other Enclosure(s) (please identify below):
Return Receipt Postcard
Certificate of Mailing

Remarks

Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. A duplicate copy of this transmittal is attached for this purpose.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Mark C. Pickering, Reg. No. 36,239
Signature	
Date	November 19, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: November 19, 2003		
Typed or printed name	Robin L. King	
Signature		Date November 19, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of)	Group Art Unit: Unknown
Nicholas Grant Rasmussen et al.)	Examiner: Unknown
Application No.: 10/608,935)	SUPPLEMENTAL INFORMATION
Filed: June 27, 2003)	<u>DISCLOSURE STATEMENT</u>
For: APPARATUS AND METHOD OF)	
SIMULATING THE MOVEMENT OF)	
ELEMENTS THROUGH A REGION OF 3D)	
SPACE)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith information of which applicants are aware, which applicants believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

This Information Disclosure Statement:

- (a) ☐ accompanies the new patent application submitted herewith. 37 CFR § 1.97(a).
- (b) ☐ is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.
- (c) ☒ as far as is known to the undersigned, is filed before the mailing date of a first Office Action on the merits.

CERTIFICATE OF MAILING

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Dated: Nov. 19, 2003 By: Julia L. King

(d) ☐ is filed after the first office action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below.

(e) ☐ is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$180) set forth in 37 CFR § 1.17(i)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.

[If either of boxes (d) or (e) are checked above, the following "certification" under 37 CFR § 1.97(e) may need to be completed.] The undersigned certifies that:

(f) ☐ Each item of information contained in the information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

(g) ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this information disclosure statement.

A list of the patent(s) or publications(s) is set forth on the attached Form PTO-1449 (Modified). A copy of each of the items on PTO-1449 (Modified) is supplied herewith; except "Fluid Mechanics," 2nd edition by L.D. Landua and E.M. Lifshitz, Butterworth-Heinemann, Oxford, 1998, which provides historical information and is cumulative.

Those patent(s) or publication(s) which are marked with an asterisk (*) in the attached form PTO-1449 (Modified) are not supplied.

A concise explanation of relevance of the described above and attached information is:

(k) ☒ not given

(l) ☐ given for each listed item

(m) ☐ given for only non-English language listed item(s) [Required]

(n) ☐ is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references [copy attached].

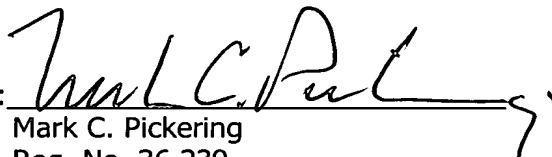
While the information disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that the information referred to is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the above-described and attached information.

The Commissioner is hereby authorized to charge our Deposit Account No. 502305 for any fees required in connection with the filing of the Information Disclosure Statement. A duplicate copy of this Notice is enclosed for this purpose. In particular, in the event that an Office Action has cross in the mail with this Information Disclosure Statement, the Commissioner is authorized to charge the above-named deposit account for any fees required pursuant to 37 C.F.R. §1.17(p) or 1.17 (i) (1).

Respectfully submitted,

Dated: 11-19-03

By: 
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FORM PTO-1449

Dock t Number (Opti nal)
300-80100Application N .
10/608,935INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONApplicant(s)
Nich las Grant Rasmuss n t al.Filing Date
June 27, 2003Group Art Unit
Unkn wn

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					Yes	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	M.N Gamito, "Two-Dimensional Simulation of Gaseous Phenomena Using Vortex Particles", In Proceedings of the 6 th Eurographics Workshop on Computer Animation and Simulation, Springer-Verlag, 1995, pps. 3-15.
	S. Hadap and N. Magnenat-Thalmann, "Modeling Dynamic Hair as a Continuum", Computer Graphics Forum, Volume 20, 2001, Number 3. (Paper, pps. 1-10, unnumbered).
	W. Lorensen and H. Cline, "Marching Cubes: A High-Resolution 3D Surface Construction Algorithm", Computer Graphics, Volume 21, Number 4, 1987, pps. 163-169.
	J.F. O'Brien and J.K. Hodgins, "Graphical Modeling and Animation of Brittle Fracture", In Proceedings of SIGGRAPH 1999, ACM Press/ACM SIGGRAPH, Computer Graphics Proceedings, Annual Conference Series, ACM, 1999, pps. 137-146.
	K. Sims, "Particle Animation and Rendering Using Data Parallel Computation", Computer Graphics Volume 24, Number 4, 1990, pps. 405-413.
	J. Tessendorf, "Simulating Ocean Water", In Simulating Nature: Realistic and Interactive Techniques, SIGGRAPH 2002, Course Notes 9, pps. 1-1 thru 7-31.
	B. Wyvill et al., "Animating Soft Objects", The Visual Computer V. 2(4), 1986, pps. 235-242.
**	L.D. Landau and E.M. Lifshitz, "Fluid Mechanics", 2 nd Edition, Butterworth-Heinemann, Oxford, 1998.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.